

| Ref # | Hits | Search Query  | DBs                                 | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------------------------------|------------------|---------|------------------|
| L1    | 2    | ("0461411").PN.   | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR               | OFF     | 2005/07/06 10:45 |
| L2    | 88   | mino-tetsuya.in.  | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/06 10:45 |
| L3    | 8    | 2 and ((ion adj milling) with ((pole adj tip) or (pole adj layer))) | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/06 10:45 |
| L4    | 0    | 3 and @ad<"19971015"  | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/06 10:45 |
| S1    | 825  | 29/603.11,603.13-603.16;603.18.ccls.                                | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/06 10:36 |
| S4    | 5300 | 427/127,128.ccls.   | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/02/10 08:19 |
| S5    | 594  | 451/4,51.ccls.  | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/02/10 08:19 |
| S6    | 4792 | 360/121,122,126,317.ccls.   | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/03 08:30 |
| S38   | 1300 | 204/192.32,192.33,192.35.ccls.                                      | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/03 08:24 |
| S39   | 1633 | 204/192.32-192.35.ccls.   | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/03 08:25 |
| S40   | 449  | 204/192.34.ccls.  | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/03 08:25 |
| S41   | 247  | (ion adj milling) with ((pole adj tip) or (pole adj layer))         | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/06 10:45 |
| S42   | 246  | (ion adj milling) with (magnetic adj layer)                         | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/03 08:26 |
| S43   | 27   | S41 and S42   | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/03 08:26 |
| S44   | 1    | S40 and S43   | USPAT;<br>JPO;<br>DERWENT           | OR               | ON      | 2005/07/03 08:26 |

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S45 | 4   | ("4208241"   "4267013"   "6047462"   "6591480").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/03 08:29 |
| S46 | 159 | S41 and 360/121,122,126,317.<br>ccls.   | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:30 |
| S47 | 81  | S41 and 29/603.11,603.13-603.<br>16,603.18.ccls.  | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:30 |
| S48 | 44  | S46 and S47   | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:30 |
| S49 | 2   | S40 and S48   | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:30 |
| S50 | 3   | ("5116719"   "5168409"   "5200056").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/03 08:32 |
| S51 | 146 | ("5438747").URPN.   | USPAT                        | OR | ON | 2005/07/03 08:32 |
| S52 | 21  | ("5200056").URPN.   | USPAT                        | OR | ON | 2005/07/03 08:35 |
| S53 | 88  | mino-tetsuya.in.  | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:35 |
| S54 | 8   | S41 and S53   | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:36 |
| S55 | 4   | S42 and S53   | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:36 |
| S56 | 8   | S54 or S55  | USPAT;<br>JPO;<br>DERWENT    | OR | ON | 2005/07/03 08:36 |
| S57 | 4   | ("4814921"   "5438747"   "6233116"   "6404601").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/03 08:36 |
| S58 | 17  | ("4639808"   "4639811"   "5270895"   "5285340"   "5452163"   "5452164"   "5508867"   "5515221"   "5606478"   "5621592"   "5661621"   "5739991"   "5812350"   "5850325"   "5872691"   "6151193"   "6163442").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/03 08:37 |
| S59 | 53  | ("5285340").URPN.   | USPAT                        | OR | ON | 2005/07/03 08:42 |
| S60 | 8   | ("5285340"   "5452164"   "5649351"   "5668689"   "5802700"   "5805391"   "5831801"   "6018862").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/03 08:51 |

|     |     |  |                                     |    |     |                  |
|-----|-----|--|-------------------------------------|----|-----|------------------|
| S61 | 2   | ("6188544").PN.  | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | OFF | 2005/07/03 08:51 |
| S62 | 516 | 216/22.ccls.   | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/03 08:51 |
| S63 | 2   | ("5673163"   "5938941").PN.  | US-PGPUB;<br>USPAT;<br>USOCR        | OR | ON  | 2005/07/03 08:53 |
| S64 | 14  | ((("5673163") or ("5938941") or<br>("5639509") or ("5452164") or<br>("5878481") or ("6320725") or<br>("4681813")).PN.            | USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | OFF | 2005/07/03 08:53 |
| S65 | 2   | ("5315469"   "5493464").PN.  | US-PGPUB;<br>USPAT;<br>USOCR        | OR | ON  | 2005/07/03 08:56 |
| S66 | 29  | ("5639509").URPN.  | USPAT                               | OR | ON  | 2005/07/03 08:56 |
| S67 | 19  | (etch\$3 adj rate) same (((gap or<br>insulat\$3) adj layer) with<br>(magnetic adj (layer or material)))                          | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/03 09:05 |
| S69 | 6   | S67 and @ad<"19971015"   | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/06 10:45 |
| S70 | 5   | (gap adj layer) near ((silicon adj<br>dioxide) or (tantalum adj oxide) or<br>(silicon adj cardide) or (aluminum<br>adj nitride)) | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/03 09:09 |
| S71 | 13  | ((pole adj layer) or (pol adj tip))<br>near (FeN or NiFe)  | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/03 09:10 |
| S72 | 0   | S70 and S71  | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/03 09:10 |
| S73 | 18  | S70 or S71   | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/03 09:11 |
| S74 | 10  | S73 and @ad<"19971015"   | USPAT;<br>JPO;<br>DERWENT           | OR | ON  | 2005/07/03 09:11 |

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Hu, H.L.; Vo, L.; Nguyen, T.; Robertson, N.; Re, M.; Jahnes, C.;

Magnetics, IEEE Transactions on

Volume 30, Issue 6, Nov 1994 Page(s):3870 - 3872

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